BRUHATH BANGALORE MAHANAGARA PALIKE

DASARAHALLI DIVISION

me of work :Modified Estimate for Development of parks in Paschim County and L M enclave in Dasarahalli Zone

Detailed Estimate

Estimate Cost : 50.33 Lakhs

	Description of work	Unit	No	Dimensions			Quantity	Rate in Rs.	Amount in Rs
				L in m	B in m	D in m			
	KSRRB 200-8.Clearing and grubbing thorney jungle including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of light jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials labour charges complete as per specifications								
	SR : 2018-19 Page No : 138		**Item No : 18.12**						
	Fencing Side	**Sqm**							
	West Side		1	30.00	1.00		30.00		
	East Side		1	31.00	1.00		31.00		
						Total Quantity	61.00		
						Schedule B Quantity	61.00		
						Quantity up to 125 %	61.00	15.74	960.14
						Quantity above 125 %	0.00		
	Rate Analysis								
	Basic Rate	15.00							
	Area Weightage @ 6%	0.90							
	Total	15.90							
	Removing and resetting of kerb stones								
	SR : 2018-19 Page No : 270		**Item No : 37.57**						
	For Kerb (Inside Park)	**Mtr**							
	Kerb outer Circle		1	204.00			204.00		
	Kerb Inner Circle		1	215.00			215.00		
	Deduction for Damaged kerbs 20%						-84.80		
						Total Quantity	**334.20**		
						Schedule B Quantity	**339.20**		
						Quantity up to 125 %	**339.20**	103.89	35239.49
						Quantity above 125 %			
	Rate Analysis								
	Basic Rate	99.00							
	Area Weightage @ 6%	5.94							
	Total	104.94							
3	Removing and resetting of footpath slab								
	SR : 2018-19 Page No : 270		**Item No : 37.56**						

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For Pathway (Inside Park)	Sqm							
		1	30.00	2.10		63.00		
		1	22.30	2.10		46.83		
		1	25.80	2.00		51.60		
		1	30.00	2.10		63.00		
		1	19.60	2.10		41.16		
		1	4.50	2.10		9.45		
		1	21.50	2.10		45.15		
		1	8.50	2.00		17.00		
		1	22.00	2.00		44.00		
		1	15.20	2.00		30.40		
Deduction for Damaged cobble stones 20%						-82.40		
					Total Quantity	329.19		
					Schedule B Quantity	329.19		
					Quantity up to 125 %	329.19	206.73	68053.45
					Quantity above 125 %	0.00		
Rate Analysis								
Basic Rate	197.00							
Area Weightage @ 6%	11.82							
Total	208.82							
Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per								
SR : 2018-19 Page No : 143		Item No : 19.1						
Earthwork for Kerb	Cum							
For Kerb (Inside Park)								
Kerb outer Circle		1	204.00	0.20	0.15	6.12		
For Shoulder Drain		2	2.50	0.20	0.15	0.15		
Kerb Inner Circle		1	214.00	0.20	0.15	6.42		
For New Kerb (Towards Gazebo)								
		2	23.00	0.20	0.15	1.38		
		2	24.00	0.20	0.15	1.44		
For Pathway (Inside Park)								
		1	30.00	2.10	0.20	12.60		
		1	22.30	2.10	0.20	9.37		
		1	25.80	2.00	0.20	10.32		
		1	30.00	2.10	0.20	12.60		
		1	19.60	2.10	0.20	8.23		
		1	4.50	2.10	0.20	1.89		
		1	21.50	2.10	0.20	9.03		

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		1	8.50	2.00	0.20	3.40		
		1	22.00	2.00	0.20	8.80		
		1	15.20	2.00	0.20	6.08		
For plat form of Granite Stone Benches								
		18	2.00	1.20	0.30	12.96		
					Total Quantity	110.79		
					Schedule B Quantity	139.19		
					Quantity up to 125 %	110.79	205.52	22769.15
					Quantity above 125 %			
Rate Analysis								
Basic Rate	130.00							
Area Weightage @ 6%	7.80							
Lead upto 5km(5*1.28*2)+57	69.80							
Total	207.60							
Earthwork For Hard Soil in surface excavation for levelling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications, specification.								
SR : 2018-19 Page No : 6		Item No : 2.2						
	Cum					0.00		
Total						0.00	435.34	0.00
5 Earthwork for Oridinary soil in surface excavation for levelling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications.								
SR : 2018-19 Page No : 6		Item No : 2.1						
For Play Area	Cum							
		1	9.70	11.50	0.30	33.47		
For Gym Equipment Plat form		2	10.00	0.75	0.75	11.25		
		2	9.00	0.75	0.75	10.13		
For gate		2	0.75	0.75	0.75	0.84		
		1	0.75	0.75	0.75	0.42		
					Total Quantity	56.11		
					Schedule B Quantity	117.60		
					Quantity up to 125 %	56.11	330.40	18537.30
Rate Analysis					Quantity above 125 %			
Basic Rate	249.00							
Area Weightage @ 6%	14.94							
Lead upto 5km(5*1.28*2)+57	69.80							

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	Total	333.74							
	Sand filling in wells complete as per drawing and technical specifications including cost of all materials, labour, HOM, form works, scaffolding & centering complete as per specifications. MORTH Specification No. 1207								
	SR : 2018-19	Page No : 217	Item No : 26.124						
	For Play Area	Cum							
			1	9.70	11.50	0.40	44.62		
						Total Quantity	44.62		
						Schedule B Quantity	63.00		
						Quantity up to 125 %	44.62	2778.81	123990.5022
						Quantity above 125 %			
	Rate Analysis								
	Basic Rate	2648.00							
	Area Weightage @ 6%	158.88							
	Total	2806.88							
	Providing, laying, spreading and compacting cushed stone aggregates of granite /trap/basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per								
	SR : 2018-19	Page No : 155	Item No : 20.18						
	For Pathway (Inside Park)	Cum							
			1	30.00	2.10	0.15	9.45		
			1	22.30	2.10	0.15	7.02		
			1	25.80	2.00	0.15	7.74		
			1	30.00	2.10	0.15	9.45		
			1	19.60	2.10	0.15	6.17		
			1	4.50	2.10	0.15	1.42		
			1	21.50	2.10	0.15	6.77		
			1	8.50	2.00	0.15	2.55		
			1	22.00	2.00	0.15	6.60		
			1	15.20	2.00	0.15	4.56		
						Total Quantity	61.74		
						Schedule B Quantity	92.76		
						Quantity up to 125 %	61.74	1981.27	122320.64
						Quantity above 125 %	0.00		
	Rate Analysis								
	Basic Rate	1888.00							
	Area Weightage @ 6%	113.28							
	Total	2001.28							

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Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1,4.2									
SR : 2018-19	Page No : 13		Item No : 4.7						
For Kerb (Inside Park)	Cum								
Kerb outer Circle		1	204.00	0.20	0.10	4.08			
Kerb Inner Circle		1	215.00	0.20	0.10	4.30			
For plat form of Granite Stone									
		18	2.00	1.20	0.10	4.32			
For Gym Equipment Plat form		2	10.00	0.75	0.10	1.50			
		2	9.00	0.75	0.10	1.35			
		1	9.10	8.10	0.10	7.37			
					Total Quantity	22.92			
					Schedule B Quantity	20.06			
					Quantity up to 125 %	22.92	5571.26	127698.85	
					Quantity above 125 %				
Rate Analysis									
Basic Rate	5309.00								
Area Weightage @ 6%	318.54								
Total	5627.54								
Providing and laying in position reinforced cement concrete of Design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM curing, complete but excluding cost of									
SR : 2018-19	Page No : 14		Item No : 4.11						
For New Fencing									
Columns		9	0.60	0.45	0.60	1.46			
For plat form of Granite Stone		18	2.00	1.20	0.10	4.32			
For Gym Equipment Plat form		1	10.00	9.00	0.10	9.00			
For Gym Equipment Base		8	0.60	0.60	0.60	1.73			
For Children Equipment Base		2	0.60	0.60	0.60	0.43			
For Gate Column		2	0.45	0.45	0.60	0.24			
		1	0.60	0.60	0.60	0.22			
					Total Quantity	17.40			
					Schedule B Quantity	34.52			
					Quantity up to 125 %	17.40	5938.55	103312.95	

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				Quantity above 125 %			0.00		
Rate Analysis									
Basic Rate	5659.00								
Area Weightage @ 6%	339.54								
Total	5998.54								
Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specification No. KBS 4.6.3									
SR : 2018-19 Page No : 14		Item No : 4.46.2							
M20 Qty	Tonne								
For Katte (Around Tree)		100Kg/cum		0			0.00		
					Total Quantity		0.00		
					Schedule B Quantity		0.70		
					Quantity up to 125 %		0.00	74471.72	0.00
					Quantity above 125 %				
Rate Analysis									
Basic Rate	70966.00								
Area Weightage @ 6%	4257.96								
Total	75223.96								
2 Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications.									
SR : 2018-19 Page No : 16		Item No : 4.31							
	Sqm								
For Gym Equipment Base		32	0.60		0.60	11.52			
For Children Equipment Base		8	0.60		0.60	2.88			
For Gate Column		8	0.45		0.60	2.16			
		4	0.60		0.60	1.44			
For Granite Bench Plat form		36	2.00		0.20	14.40			
		36	1.20		0.20	8.64			
		2	10.00		0.15	3.00			
		2	9.00		0.15	2.70			
					Total Quantity		46.74		
					Schedule B Quantity		33.22		
					Quantity up to 125 %		41.53	375.69	15600.53
					Quantity above 125 %		5.22	379.48	1978.99
Rate Analysis									
Basic Rate	358.00								
Area Weightage @ 6%	21.48								
Total	379.48								

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SR : 2018-19	Page No : 103		Item No : 14.6						
		Sqm							
	Damaged Portion 30%		1	86.00		2.30	197.80		
						Total Quantity	197.80		
						Schedule B Quantity	414.00		
						Quantity up to 125 %	197.80	1105.02	218572.956
						Quantity above 125 %	0.00		
	Rate Analysis								
	Basic Rate	1053.00							
	Area Weightage @ 6%	63.18							
	Total	1116.18							
6	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free endsshall be welded to the pole and block pipe at top and bottom asrequired including cost of all materials, labour, lead and lifts and as per thedirections of the Engineer-in-charge of work including two coats of approvedquality paint over one coat o f shop paint, including cost of								
SR : 2018-19	Page No : 266		Item No : 37.3						
	For Fencing	Sqm							
			1	34.00		2.30	78.2		
			2	6.00		2.30	27.60		
			4	6.00		2.30	55.20		
						Total Quantity	161.00		
						Schedule B Quantity	161.00		
						Quantity up to 125 %	161.00	750.32	120801.52
						Quantity above 125 %	0.00		
	Rate Analysis								
	Basic Rate	715.00							
	Area Weightage @ 6%	42.90							
	Total	757.90							
	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 mincluding removing the bends, cutting the pipe, and fixing pipe in between theexisting two verticle poles (M.S. rectangular poles) and spot welding the chainlink with M.S. block pipe including cost of all materials wastage in cutting,and scaffolding wherever necessary with all lead and lift as directed by theEngineer-in-charge of work etc., complete including two coats of approvedquality paint over one coat of shop paint, including cost of materials,labour,HOM complete as per specifications..								
SR : 2018-19	Page No : 266		Item No : 37.4						
Damaged Portion		Mtr							
			10	8.00			80.00		
or New Fencing			2	11.80			23.60		
			2	6.00			12.00		

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						Total Quantity	115.60		
						Schedule B Quantity	115.60		
						Quantity up to 125 %	115.60	428.16	49495.30
						Quantity above 125 %			
	Rate Analysis								
	Basic Rate	408.00							
	Area Weightage @ 6%	24.48							
	Total	432.48							
18	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles m of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineer-in - charge of the work and including providing 2 coats o f approved quality paint over one coat of shop painting (excluding cost o f earthwork and concrete) including cost of materials, labour, HOM complete								
	SR : 2018-19	Page No : 266	Item No : 37.2						
	Damaged Portion	Mtr							
			15	2.70			40.50		
	For New Fencing		6	2.70			16.20		
			3	2.70			8.10		
	For Main Gate		2	3.00			6.00		
						Total Quantity	70.80		
						Schedule B Quantity	64.80		
						Quantity up to 125 %	70.80	901.43	63821.24
						Quantity above 125 %	0.00		
	Rate Analysis								
	Basic Rate	859.00							
	Area Weightage @ 6%	51.54							
	Total	910.54							
19	Fabrication supplying and erecting M.S. tubular trusses of all spans as per approved drawing & design with prefabricated steel applications using quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest structural welding code. Quality shall be on various parameters like shape, size, design gauge and polish. The entire trusses is anchored in RCC column by using 4 nos of M.S. anchor bolts at each support with 10mm thick base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S. pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the members including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, etc., complete as per								
	SR : 2018-19	Page No : 43	Item No : 7.29						
	For Gazebo	Kg							
						Total Quantity	0.00		

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					Schedule B Quantity		2332.00			
					Quantity up to 125 %		0.00	116.48	0.00	
					Quantity above 125 %					
	Rate Analysis									
	Basic Rate	111.00								
	Area Weightage @ 6%	6.66								
	Total	117.66								
20	Supplying and fixing new Mangalore tiles on existing reepers including cost of materials, labour, HOM complete as per specifications.									
	SR : 2018-19 **Page No :** 267		**Item No :** 37.9							
	For Gazebo Roofing	**Sqm**								
			0	1.18	6.00		0.00			
						Total Quantity	0.00			
						Schedule B Quantity	56.64			
						Quantity up to 125 %	0.00	427.11	0.00	
						Quantity above 125 %				
	Rate Analysis									
	Basic Rate	407.00								
	Area Weightage @ 6%	24.42								
	Total	431.42								
21	Providing Mangalore Ridge tiles se t in C.M. 1:2 and pointed with m C.M. 1:2. including cost of materials, labour, HOM complete as per									
	SR : 2018-19 **Page No :** 266		**Item No :** 37.7							
	For Gazebo	**Sqm**								
			0	6.00			0.00			
						Total Quantity	0.00			
						Schedule B Quantity	48.00			
						Quantity up to 125 %	0.00	214.08	0.00	
						Quantity above 125 %				
	Rate Analysis									
	Basic Rate	204.00								
	Area Weightage @ 6%	12.24								
	Total	216.24								
	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 he.avy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar, including cutting, griding the edge to half/full round wherever required, labour, curing									
	SR : 2018-19 **Page No :** 112		**Item No :** 14.62							
		Sqm								
	Granite Benches		18	2.00	1.20		43.20			
	For Gym Equipment Plat form		1	10.00	9.00		90.00			
						Total Quantity	133.20			

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						Schedule B Quantity	54.00		
						Quantity up to 125 %	67.50	1292.86	87268.05
						Quantity above 125 %	65.70	1292.86	84940.90
	Rate Analysis								
	Basic Rate	1232.00							
	Area Weightage @ 6%	73.92							
	Total	1305.92							
23	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete									
	SR : 2018-19	**Page No : 45**	**Item No :** 7.37						
	For Gate	**Sqm**							
			0	3.10		2.20	0.00		
						Total Quantity	0.00		
						Schedule B Quantity	6.82		
						Quantity up to 125 %	0.00	3160.79	0.00
						Quantity above 125 %			
	Rate Analysis								
	Basic Rate	3012.00							
	Area Weightage @ 6%	180.72							
	Total	3192.72							
24	Providing and fixing M.S. Grill over existing compound wall as per using 16mm x 16mm M.S. Square rod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontal and 6mm x12mm M.S. flat for ornamental design and providing shop edge design at -the vertex of every vertical rods, including welding, grinding wherever necessary. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per									
	SR : 2018-19	**Page No : 44**	**Item No :** 7.36						
	Providing New Grill Work	**Sqm**							
	Around Park (Inside Kerb)		1	0.00		1.20	0.00		
						Total Quantity	0.00		
						Schedule B Quantity	168.00		
						Quantity up to 125 %	0.00	5634.23	0.00
						Quantity above 125 %			
	Rate Analysis								

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	Basic Rate	5369.00								
	Area Weightage @ 6%	322.14								
	Total	5691.14								
	Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per									
	SR : 2018-19	Page No : 123	Item No : 15.73							
		Sqm								
	For new Chain link Fencing		2	34.00		2.30	156.40			
			2	6.00		2.30	27.60			
			2	6.00		2.30	27.60			
	For Main Gate		2	3.50		2.00	14.00			
			2	1.2		1.20	2.88			
						Total Quantity	228.48			
						Schedule B Quantity	168.00			
						Quantity up to 125 %	210.00	43.03	9036.30	
						Quantity above 125 %	18.48	43.03	795.19	
	Rate Analysis									
	Basic Rate	41.00								
	Area Weightage @ 6%	2.46								
	Total	43.46								
26	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surfacebrushing to give an even shade after cleaning oil, grease, dirt and otherforeign matter, including cost of materials, labour, complete as per specifications.									
	SR : 2018-19	**Page No : 123**	**Item No : 15.74**							
	For Fencing	**Sqm**								
	East Side		2	34.00		2.3	156.40			
	West Side		2	33.70		2.3	155.02			
	North Side		2	53.00		2.3	243.80			
	South Side		2	60.00		2.3	276.00			
	For Gate									
			2	3.10		2.15	13.33			
			2	1.20		1.2	2.88			
						Total Quantity	847.43			
						Schedule B Quantity	987.15			
						Quantity up to 125 %	847.43	99.69	84480.30	
						Quantity above 125 %				
	Rate Analysis									
	Basic Rate	95.00								
	Area Weightage @ 6%	5.70								
	Total	100.70								

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	...ning two coats after filling the surface with synthetic enamel paint in ...roved shades on new plastered concrete surfaces, with materials, ...our complete as per specifications.									
	SR : 2018-19	Page No : 180	Item No : 24.1							
	...Kerb (Inside Park)	**sqm**								
	...Kerb outer Circle		1	204.00		0.45	91.80			
	For Shoulder Drain		2	2.50		0.45	2.25			
	Kerb Inner Circle		1	214.00		0.45	96.30			
			2	24.00		0.45	21.60			
			2	24.00		0.45	21.60			
						Total Quantity	233.55			
						Schedule B Quantity	233.55			
						Quantity up to 125 %	233.55	83.95	19606.5225	
						Quantity above 125 %				
	Rate Analysis									
	Basic Rate	80.00								
	Area Weightage @ 6%	4.80								
	Total	84.80								
28	Providing and fixing RCC name board of size 1.35xk0.60x0.04 mtrs fixed in reinforced cement concrete poles of size 0.10x0.10x2.60mtrs in cement concrete M 20 proportion using 20mm and down size graded metal machine mixed with 10mm dia main steel bars and 8mm dia stirups. The board shall be provided with 12mm thick cement plaster in cement mortar 1:3 on both the sides. The poles shall be embedded in the ground for a depth of 0.5 mtrs with cement concrete M 10 proportion. The board shall be fixed as per the drawing and at the place indicated by the Engineer incharge of the work. The cost includes excavation, bare cost of all materials, cost of steel, centering, transportation charges, fixing charges, labour, HOM etc., The work shall be carried out as per the detailed									
	SR : 2018-19	Page No : 180	Item No : 24.1							
	RCC Name Board	**Each**								
			0				0.00			
						Total Quantity	0.00			
						Schedule B Quantity	1.00			
						Quantity up to 125 %	0.00	5771.70	0.00	
						Quantity above 125 %				
	Rate Analysis									
	Basic Rate	5500.00								
	Area Weightage @ 6%	330.00								
	Total	5830.00								
9	Fiber Dustbin SS Dustbin with Ms Pole 3ft									
	Approved Data Rate									

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		No,s							
			4				4.00		
						Total Quantity	4.00		
						Schedule B Quantity	7.00		
						Quantity up to 125 %	4.00	17325.00	69300.00
						Quantity above 125 %			
	Executive Bench : Made out of Sadarohally Grey Stone with hand supporters with 3 line finishing with arch Design with 100 mm Slab Height 90 x length 150 Width 45 Cms								
	Approved Data Rate								
	Granite Benches	No,s							
			18				18.00		
						Total Quantity	18.00		
						Schedule B Quantity	18.00	✓	
						Quantity up to 125 %	18.00	18018.00	324324.00
						Quantity above 125 %			
31	Supply and fixing of children play equiment maxima N Swing : Inverted U shaped structural posts of height 2.31m are to be schedule hot dip galvanized with a 114mm OD and 2.2mm (Wall) thickness of the Tubing toprail at Heigjht 2.31m and dia 114 mm shall be an all robtic welded uint fabricated 114 OD plastic Components such as swing seats super thickplastic shall be anminated and shall be rotationally molded from antistic copoymer virigin linear low density UV stabilized Polythyene with Colour molded in and minimum thickness of 6.8 mm the rates are to be inclusive of supply and installation at site inclusive of all taxes and								
	Approved Data Rate								
	Swing	Each							
			1				1.00		
						Total Quantity	1.00		
						Schedule B Quantity	1.00	✓	
						Quantity up to 125 %	1.00	186610.05	186610.05
						Quantity above 125 %			
32	Supply and fixing of chilidren play equipment four seater seesaw The Seasaw Consists of two poles of dia 114mm and thickness of 2.5 mm which balances the horizontal rod at the center which is the size of 3110mm length and dia 114 mm with consists of a 4 seats which is made of LLDPE virigin plastic of size 305mm x 213mm x 125mm the rates are to be inclusive of supply and installation at site inclusive of all taxes and								
	Approved Data Rate								
	4 Seater	Each							
			1				1.00		
						Total Quantity	1.00		
						Schedule B Quantity	1.00	✓	
						Quantity up to 125 %	1.00	106167.60	106167.60

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				Quantity above 125 %					
	Supply and fixing of children multi play equipment with two slides monkey bar baffles with animated roof upright structural posts of height 2.2m and 3m are to schedule hot dip galvanized steel with 114mm OD and 2.2mm (wall) thickness of the tubing deck of size 1.45mx1.45m and stair case of size 1.05mx0.77m are fabricated from 2mm perforated solid punched steel deck perimeter is a precision pre punched for attachment handrail of height 1.90m and dia 32mm shall be an all robotic welded unit fabricated from 32 OD galvanized steel pipes with a baked on a powder coating finish spring climber of thickness dia 38mm piped walls of height 2.2m are all robotic welded fabricated from 32 OD galvanized steel pipes for the outer pipes and 25mm OD galvanized steel for the inner parallel bars with a baked on powder coat finish the rates are to be inclusive of supply and +								
	Slide	Each							
			1				1.00	1091631.42	1091631.42
	E I R L ITEMS								
EIRL-1	Providing and fixing M.S. gate as per Chief architect drawing Complete All the steel surface should thoroughly cleaned free of rust and painted with anti compositive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment and electricity charges with lead & lift loading, unloading charges etc.,complete as per specifications. (Data rate). Complete as per the direction of Engineer-in-Charge of the work								
	Main Gate	Sqm	1	3.10		2.20	6.82		
			1	1.20		1.20	1.44		
							8.26	12350.25	102013.065
	Data Rate	12475.00							
	Tender Premium-1.00%	124.75							
	Sub Total	12350.25							
EIRL-2	Providing and filling stone dust in foundation to required depth for sub soil treatement including watering ramming with all lead and lift Complete as per specification								
	For Path way		1	199.40	2.10	0.10	41.87	1317.29	55160.37
	Data Rate	1330.60							
	Tender Premium-1.00%	13.31							
	Sub Total	1317.29							

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	ply & fixing of Pull Down Challenger (Shoulder Press) (Area - 4'6" X 3' ght 7') : All tubular steel of 2.5mm thickness are galvanized and zinc ped. All welded joints are scalloped as necessary and welded. All welds e dressed off removing all sharp edges and burrs. Rubber: High quality ip rubber is used for the handles. Bearings: Maintenance - free self reased SKF ball bearings. Scope of delivery : 1 completely pre assembled equipments modules. This equipment is powder coated ---- All terms and conditions are as per tender document.								
		Each	1				1	245520.00	245520.00
	Data Rate	248000.00							
	Tender Premium-1.00%	2480.00							
	Sub Total	245520.00							
	Supply & fixing of Seated Chest Press (Area - 4'6" X 3' Height 7') : The chest press is heavy guage steel made up of 100mm NB MS pipes. The sub structure consists of 25 mm NB MS pipes and heavy duty bushes pivoted to one end and moveable up down on the other. The seats are made up of pressed FRP, self weighted machine built to support vigorous workout for up to 2 people. The Chest press supports and promotes strength to the chest, arms, shoulders and back. The exercise can be done in repetitions by increasing the time gradually which help in building stamina. Maintenance - free self greased SKF ball bearings. The whole equipment is powder coated ---- All terms and conditions are as per tender document.								
		Each	1				1	255420.00	255420.00
	Data Rate	258000.00							
	Tender Premium-1.00%	2580.00							
	Sub Total	255420.00							
EIRL-5	Supply & fixing of Elliptical (Cross Trainer) (Area - 5' X 3', Height - 5'6") : All tubular steel of 2.5 mm thickness are galvanized and zinc dipped.All welded. All welded joints are dressed off removing all sharp edges and burrs. All metal parts are powder coated using marpol powder to the thickness of 80-120microns. Rubber: High quality grip rubber is used for the handles. Bearings Maintenance-free self greased SKF ball bearings Scope of delivery: 1 completely pre-assembled equipment modules. This								
		Each	1				1	146520.00	146520.00
	Data Rate	148000.00							
	Tender Premium-1.00%	1480.00							
	Sub Total	146520.00							
EIRL-6	Supply & fixing of Air walker (moon walker) area-4' X 3' height 4') : This equipment is made up of 100mm NB heavy guage pipes .The footsteps are made up of Alunminium castings. This helps in strengthening and toning the legs. Experiment with various speeds and different levels of intensity can be done maintenance- free self greased SKF ball bearings. This Equipment is powder coated. ---- All terms and conditions are as per tender document.								
		Each	1				1	176220.00	176220.00

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	Data Rate	178000.00							
	Tender Premium-1.00%	1780.00							
	Sub Total	176220.00							
	Supply & fixing of Doulbe health walker (Hand Puller) (Area- 5'6"x3'6" Height -5'6") : This equipment is made up of Central 100mm pillars. The first steps are made up of Aluminium castings. Two people can exercise on the equipment in a back and forth motion. Experiments with various speeds and different levels of intensity can be done. It gives cardiovascular benefits promotes strengthening the biceps,hips and lower back. Maintenance-free self greased SKF ball bearings. This Equipment is powder coated ---- All terms and conditions are as per tender document.								
		Each	1				1	255420.00	255420.00
	Data Rate	258000.00							
	Tender Premium-1.00%	2580.00							
	Sub Total	255420.00							
EL-8	Supply & fixing of Bicycle (Exercise Cycle) (Area- 4'x3' Height -4') : This is a stationary cycle made up of central pillar 100m pipes. The seat is made up of FRP. This equipment gives the benefits of cycling and improves blood flow to the legs. Maintenance free self-greased SKF ball bearings. The whole equipment is powder coated. ---- All terms and conditions are as per								
		Each	1				1	138600.00	138600.00
	Data Rate	140000.00							
	Tender Premium-1.00%	1400.00							
	Sub Total	138600.00							
EIRL-9	Supply & fixing of Standing Rotation (Area- 6'x3' Height -4'6") : Providing and fixing Standing Rotation made upof 100mm NBMS pipe the sub stracture consists of 32mm NBMS pipes and heavy duty self greased SKF bearing and bushes provided to ensure smooth plate rotation, the standing plates are made up of pressed sheet metal of heavy gauge it benches in stretching the internal and external oblique's and adding emphasis on the abdominals and extensor muscles of the spine , the above equipment is								
		Each	1				1	146520.00	146520.00
	Data Rate	148000.00							
	Tender Premium-1.00%	1480.00							
	Sub Total	146520.00							
EIRL-10	Supply & fixing of Rope Puller : The rope puller made up of 100mm NBMS pipe. The substructure consists of 32mm NBMS pipes and heavy duty pulleys provided to ensure smooth rope transition; These are primary indictor of upper body strength. The exercises phase more emphasis on the trape muscles of the back bleeps Maintenance free self greased SKF ball bearings. the above equipment is duly powder coated ---- All terms and conditions are as per tender document.								
		Each	1				1	100980.00	100980.00
	Data Rate	102000.00							
	Tender Premium-1.00%	1020.00							

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Sub Total	100980.00							
Supply And Fixing Of Children Play Equipment Horse Rider: HDPE Of Size 1.20m X 0.31m X 0.87m Plastic Components Super Thick Plastic Shall be Rotationally Molded Anistastic Copolymer Virgin Linear Low Density UV Stabilized Polyethlyene With Colour Molded is Not Added .Spelized Connectors Such As Clamps And Couplings Are To Be Cast From Aluminium Which is Pre - treated And Curved With Baked on Powder Coat Finish.The rates Are To Be Inclusive Of Supply And Installatiion At Site Inclusive Of All Taxes And Transportation Charges(Data Rate)								
	Each	1				1	55218.24	55218.24
Data Rate	55776.00							
Tender Premium-1.00%	557.76							
Sub Total	55218.24							
							Construction Total Amount	5032288.84

Certificate:

1.Certified that Adequate & necessary provisions have made in the estimate.

2. The work spot comes under BBMP Limits

3. Estimate is perpared Making Use of essential Item of work as per site Conditions in safest way of

4.This work is not included in any other program of work

Assistant Engineer

BBMP

Assistant Executive Engineer
Project Sub Division
BBMP

Executive Engineer
Project Division
BBMP

Technically Sanctione for Rs 50.32 Lakhs/-

Rs. In words Rs. Fifty Lakh thirty two thousand Two Hundred & Eight Under Eight only/-

P- 3588

Job Code No. 041-20-000107

Registered in CF No. 44/2022-23 Subject to conditions contained in Enclosed Memo No. CE/02/TS/44/2022-23 Dt: 20/03/2023

AE/JE

CE(D)

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